INTERNATIONAL SEARCH REPORT

International application No.

			PCT/US04/21639	
A. CLASSIFICATION OF SUBJECT MATTER				
IPC(7) : G01N 23/00, 21/76				
US CL: 436/56, 57, 172, 800; 250/483.1, 486.1, 302, 303 According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS SEARCHED				
Minimum documentation searched (classification system followed by classification symbols) U.S.: 436/8, 56, 57, 164, 172, 800; 250/483.1, 486.1, 302, 303				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Please See Continuation Sheet				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category *				Relevant to claim No.
Х	US 4,359,641 A (FRANKS et al) 16 November 1982, column 2, lines 45-60, column 5, lines			1-4, 8
Y	44-48 and column 6, lines 1-26.			25-27
х	US 5,716,855 A (LERNER et al) 10 February 1998, column 1, lines 19-25, column 2, lines			1-6, 9-12, 14-22
 У	15-64, column 3, lines 20 and 33-39, column 5, lines 8-21 and claims 5, 6 and 16.			
1	13			
х	US 5,610,932 A (KESSLER et al) 11 March 1997, column 1, lines 40-56, column 2, lines 45-67, column 3, lines 1-12, and claims 17 and 21.			1-4, 6-7, 16-21, 23-24
Y	US 5,410,155 A (THOMSON et al) 25 April 1995, column 1, lines 50-61, and column 4,			25-27
A	lines 11-21. US 4,594,179 A (HARRAH et al) 10 June 1986, whole document.			1-27
Further	documents are listed in the continuation of Box C.	See patent	family annex.	
Special categories of cited documents:		"T" later documen	at published after the inter	national filing date or priority
"A" document defining the general state of the art which is not considered to be of particular relevance		date and not in conflict with the application but cited to understand the principle or theory underlying the invention		
"E" earlier application or patent published on or after the international filing date		"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone		
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"P" document published prior to the international filing date but later than the priority date claimed		"&" document member of the same patent family		
Date of the actual completion of the international search 13 June 2005 (13.06.2005)		Date of mailing of the international search report		
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1 accomme 170, (103) 303-3230				

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